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Patent

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Raf

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Arthur W. Chester, et al.  
Serial No. : 09/221,539  
Filed : December 28, 1998  
For : GASOLINE SULFUR REDUCTION IN FLUID  
CATALYTIC CRACKING  
Group Art Unit: : 1764  
Examiner : N. Preisch

Amendment

Assistant Commissioner of Patents  
Washington, D.C. 20231

RECEIVED  
AUG 30 2001  
TC 1700

Sir:

Please amend this application as set out below.

*In the claims*

~~Amend~~ claim 1 to read:

1. (Amended twice) A method of reducing the sulfur content of a catalytically cracked petroleum fraction, which comprises catalytically cracking a petroleum feed fraction containing organosulfur compounds at elevated temperature in the presence of a cracking catalyst and a product sulfur reduction catalyst which comprises a porous molecular sieve having (i) a first metal component which is within the interior pore structure of the molecular sieve and which comprises vanadium in an oxidation state greater than zero and (ii) a second metal component which is within the interior pore structure of the molecular sieve and which comprises at least one rare earth, in a matrix comprising alumina or silica-alumina with clay to produce liquid cracking products of reduced sulfur content.

~~Cancel~~ claim 4.